

April 29, 2004

RECEIVED
CENTRAL FAX CENTER

APR 30 2004

To: Examiner White
Aot Unit 3636

OFFICIAL

From Irene Farmer

Concerning Patent # 09/934,516

Dear Mr. White

I'm sending this patent material on Thursday
April 29, 2004. I must be away for the next
four days but if you could confirm its
arrival by leaving a message on my
answering machine I would appreciate
it.

Sincerely,

Irene Farmer

just libian

RECEIVED
CENTRAL FAX CENTER

APR 30 2004

OFFICIAL

09/934,516

Rodney White
Patent examiner
Art Unit 3636

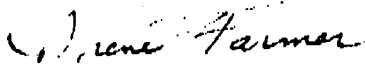
April 23, 2004

Dear Mr. White,

This fax contains 20 sheets including this page.

First, I would like to thank you for your consideration in this matter. I have never had a response like yours to my call. Unfortunately my outside telephone line was loose and caused much static on the line as you spoke to me. I hope I understood your suggestions. The following pages are hopefully what I need to finish my patent. If more work is needed I will accept the challenge. I truly believe this grove and basket system can be revolutionary. I raised four children and more grandchildren. This could help save much labor for a parent. Family members (especially children) are famous for not taking the laundry to put it away. This basket grove system makes it so easy! I can think of so many more uses for it but your time is precious so I will close. I will look forward to your response.

Thank you sincerely,



Irene Farmer

09/934,518

TITLE: BUREAU HOUSING WITH BASKET LAUNDRY SYSTEM

09/934,516

Page 2

REFERENCES CITED

UNITED STATES PATENT DOCUMENTS

US-2,306,802	12-1942	Harbison George C	312/334.7X
US-3,087,764	04-1963	Schless Shirley; et. al.	312/334.7X
US-5,490,724a	02/1996	Domenig, Georg.....	312/334,45.44X
US-6,099,092a	08/2000	Uffner et. Al.....	312/108

FORGEIN PATENT DOCUMENTS

GB 2214410 A	09-1989	United Kingdom	Pritchard et. al.	312/334.44
JP 06245831A	09-1994	Japan	Araki, Nobuo.....	312/334.44
DE 4210017 A1	10-1992	Germany	Amann, Juergen.....	312/334.44

09/934,516

Page 3

ABSTRACT:

My invention is a furniture box whose embodiment of design are groves in the interior of sides of its box to accept plastic baskets. The 1" grove will widen toward the front of the sidewall the last 17% to a 2" grove. This will keep the basket from falling out when pulled too far forward. One object of invention is to provide simplicity of construction. Groves will replace slides and rollers in cabinets. The grove will afford easy removal of baskets. A smaller box structure with heretofore mentioned groves shall be used for a hamper. The basket will have reinforced tubular rim with opening for fingers. This will provide strength and easy gripping. The sides will slant for ease of carrying. The plastic shall be clear for easy viewing of articles. T-shape separator made of hard plastic will be used for separation of articles.

This design will allow for easy storing and transporting of clothes for laundry purposes. Time will be saved due to not having to transfer soiled clothing from hamper to basket and clean clothes from basket to drawer since the basket is in lieu of the drawer.

09/9334,516

Page 4

PRIOR ART

Furniture pieces, which use runner kits or drawer guides, are at a distinct disadvantage. They come in specific sizes only. The workman must take time to measure and physically place runners onto sides of drawers and align them on the interior sidewalls of furniture complimenting the runner. They cannot be used to accept baskets. Drawers are not intended to be mobile. In my design the transporting grove is already in the sidewall of cabinet. It is routed one inch wide for the first 83% of the grove toward the front of the sidewall then slanted down and routed 2 inch for the last 17%. The grove shall be 9/16" deep. This slant of the grove will allow for a gentle drop of the basket and keep it from unintentional disconnection. The basket will have a 3/4" tubular rim.

These sidewalls can be mass manufactured and assembled by the consumer easily when joined with the remaining furniture components as shown in the plans for building of the box.

Stop members must be added separately. Stop members are unnecessary to my design. The stop is in the design. The slant on the grove automatically resists unintentional withdrawal of baskets.

This invention is a replacement for modular storage facilities. Using pressed wood or an appropriate substitute such as plywood or molded plastic with heretofore-mentioned groves it simplifies and improves the speed of construction and assembly. It eliminates the need for gluing panels together since the design is in the panel itself. The basket in my design answers the problem of breaking on impact with its plastic molded design.

In relation to food storage receptacles for refrigerators this invention could replace the sides in refrigerators and storage receptacles by replacing the sides of the unit when fashioned with my design in molded plastic and using appropriate size baskets. It simplifies construction, allowing cost to be better controlled

This invention provides greater simplicity of construction. It allows for improved storage of clothes, especially bulky items such as sweatshirts. The system of doing storage and laundry is improved due to not having to transfer clothes continuously from bureau drawer to hamper to basket to appliances to basket and back to bureau. It is less expensive and resilient than all wood and has the advantage of being environmentally friendly. Its uses are limitless.

09/934,518

Page 5

The hamper is a smaller box with a door panel that is joined at the base with a piano hinge.

Its sides will be constructed in the same manner as larger box.

09/934,516

Page 6

Summary of Invention

The embodiment of this invention is a routed grove which replaces the need to rely on extruded components. The replacement of drawers with baskets will ease the process of storing clean clothes; transporting dirty clothes to washer and returning newly laundered clothes to storage cabinet in the same basket, which will be placed in the furniture box.

The special designed basket when emptied of clean clothes is placed in the hamper box where the soiled clothes that were deposited into the hamper basket are removed and transported to the laundry area to be cleaned, after drying clothes are put back into the same basket, divided with separators if necessary and then returned to empty grove in furniture box. This process eliminates the need for transferring of clothes out of a laundry basket into a bureau.

The above and other details of the invention, including various novel details of construction and combinations of parts will be shown according to the drawings listed on page 6, "Brief description of the several views of the drawing". It is understood that the particular embodiment herein disclosed is presented by way of illustration only and not as a limitation of the invention, and that the principles and features of this invention may be employed in various and numerous embodiments without departing from the scope of the invention.

09/934,516

PAGE 7

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING

FIGURE 1 is a perspective of the furniture box.

FIGURE 2 is a view of the inside of the box showing the grove for the basket.

FIGURE 3 is a view of the side panel fully showing the grove and how it angles the last 17% of the grove.

FIGURE 4 is an explosive view of the box for construction purposes.

FIGURE 5 is a perspective view of basket with slanted sides.

FIGURE 6 is an exploded view of reinforced tubular rim of basket.

FIGURE 7 is a perspective view of T- shape separator.

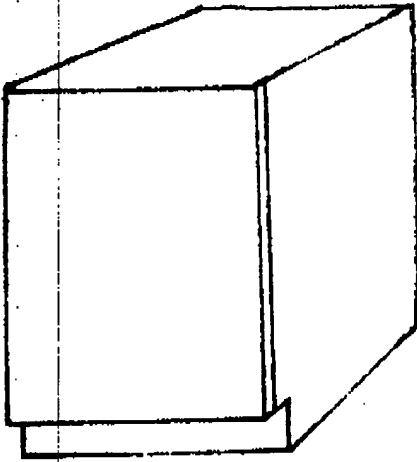
FIGURE 8 is a perspective view of hamper box.

FIGURE 9 is a side view of hamper with door panel open.

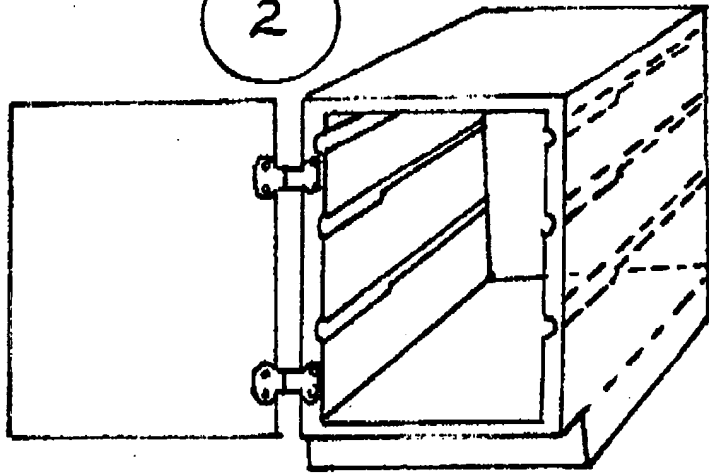
Illustrations on construction of a cabinet are included.

915'434,516

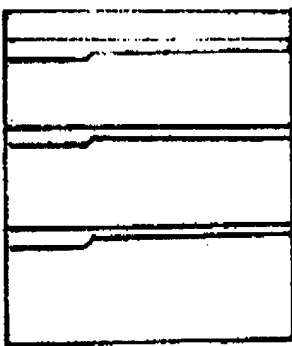
1



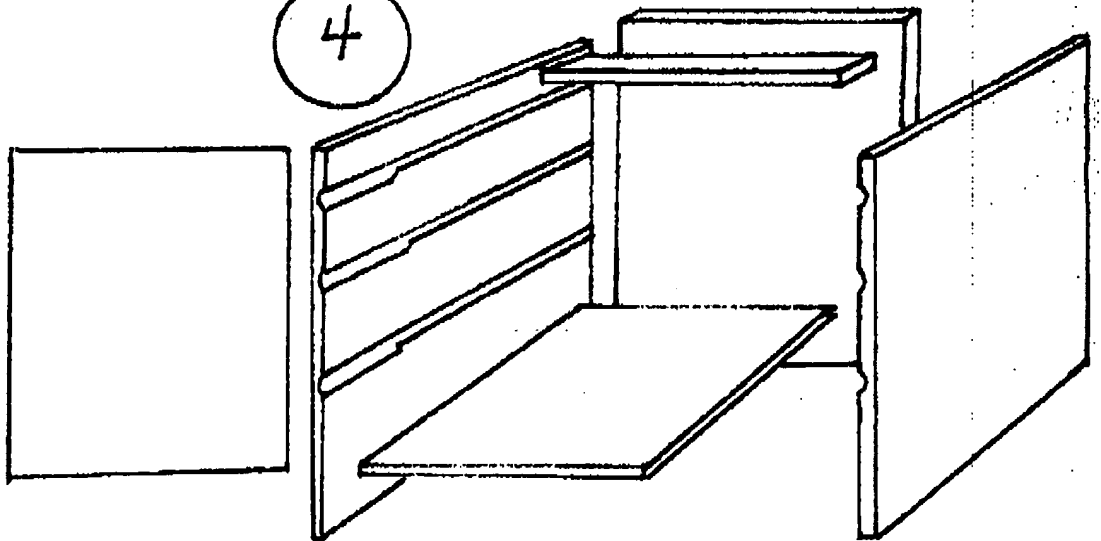
2



3



4



915'436/60

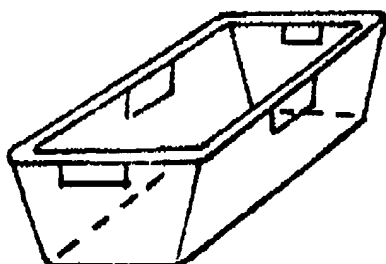
6



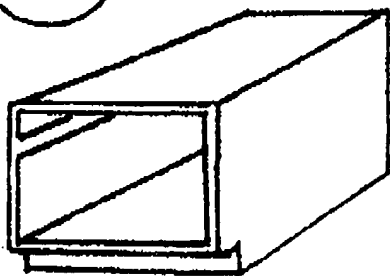
7



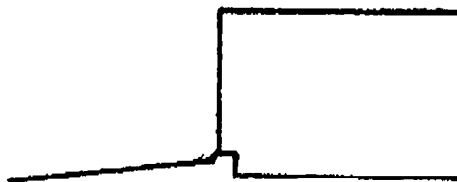
5



8

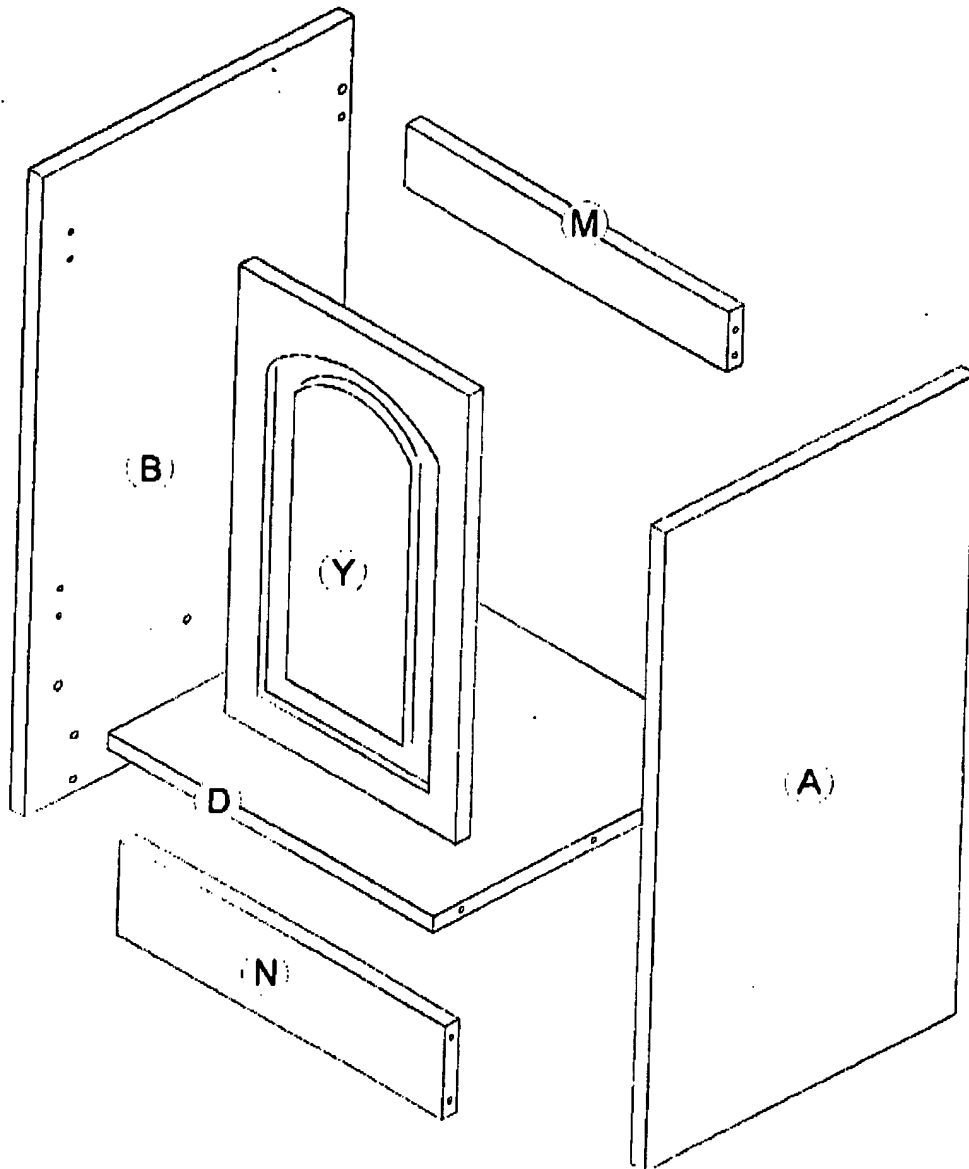


9



Exploded

09/934,516





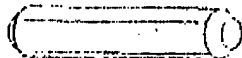


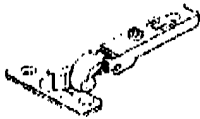


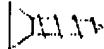


CABINET PARTS LIST

ITEM	DESCRIPTION	QTY
A	Right End Panel	1
B	Left End Panel	1
D	Base Shelf	1
M	Back Rail	1
N	Toe Kick	1
Y	Door	1

09/934,516

HELPFUL HINT: COUNT ALL HARDWARE PIECES AND SEPARATE ON A TRAY OR COOKIE SHEET.
 Cuento todas las piezas de ferreteria y colóquelas en una bandeja.
 Note: Comptez et séparez toute la visserie sur un plateau.

Hardware

<p>(H1) CAMBOLT Qty-6</p> 	<p>(H2) CAM Qty-6</p> 	<p>(H3) LARGE DOWEL Qty-8</p> 
<p>(H4) HOLE PLUG Qty-4</p> 	<p>(H6) BUMPER Qty-2</p> 	<p>(H13) HINGE Qty-2</p> 
<p>(H14) HINGE PLATE Qty-2</p> 	<p>(H18) COVER CAP Qty-2</p> 	<p>(H17) SCREW (#6 x 1/2") Qty-4</p> 
<p>(H20) HANDLE/KNOB Qty-1 SET</p> 	<p>(H21) HANDLE/ KNOB SCREW Qty-1SET</p> 	

PART	DESCRIPTION	QTY.	PART	DESCRIPTION	QTY.
H1	Cam Bolt	6	H13	Hinge	2
H2	Cam	6	H14	Hinge Plate	2
H3	Dowel	8	H17	Screw (#6 x 1/2")	4
H4	Hole Plug	4	H18	Cover Cap	2
H6	Bumper	2	H20	Handle / Knob	1
			H21	Handle / Kb. Screw	1

09/9334,516

1

Prepare panels as shown.

Prepare los paneles.

Préparez les panneaux.

NOTE:

**HINGES CAN BE PLACED
ON EITHER SIDE DEPENDING
ON DIRECTION OF DOOR
SWING NEEDED.**

THIS STEP REQUIRES:

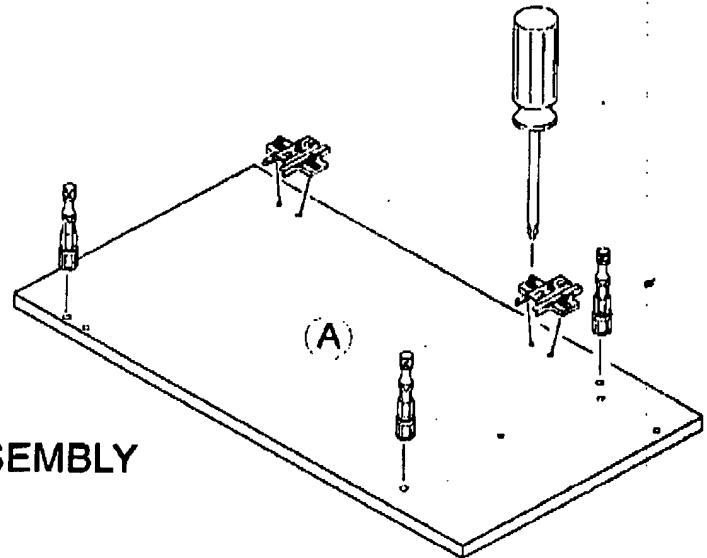
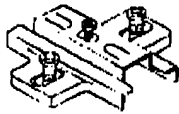
(H1)

Qty-6

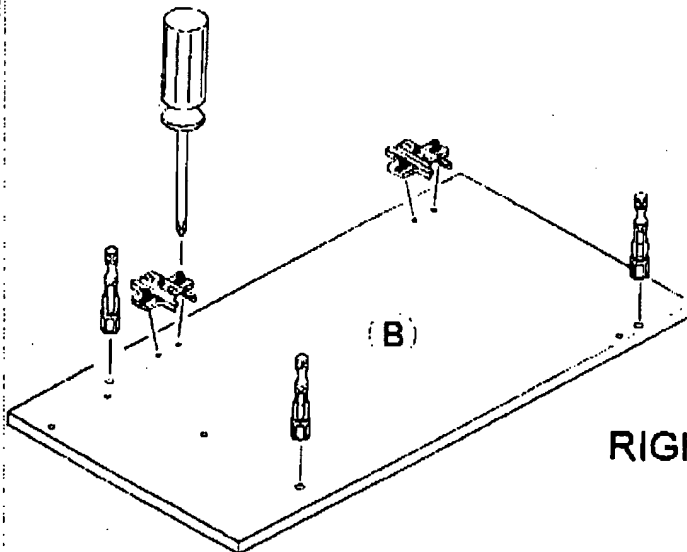


(H14)

Qty-2



LEFT DOOR ASSEMBLY



RIGHT DOOR ASSEMBLY

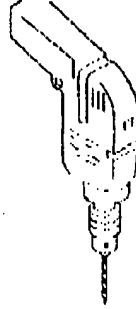
Tools Needed

Before you begin the assembly of this unit, collect the following tools. Having these tools will make the assembly quicker and easier.

Herramientas necesarias.

Outils nécessaires à l'assemblage.

09/634,516



DRILL BITS:
3/16"

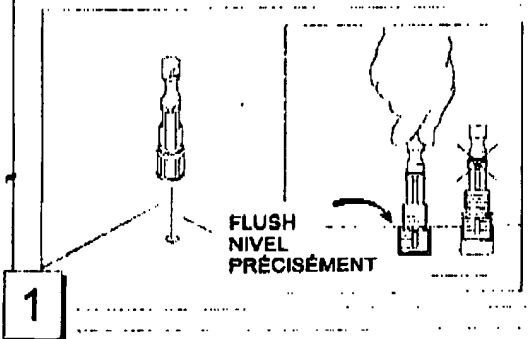


Assembly Techniques

Importante tecnica de armar

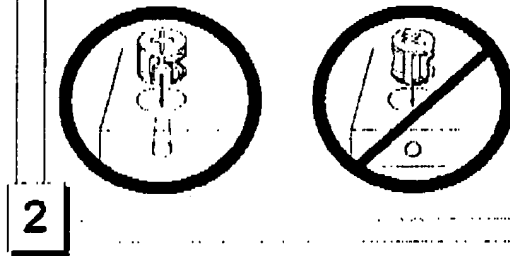
Techniques d'assemblage importantes

**PRESS IN CAM BOLTS.
NO TOOLS NECESSARY.**

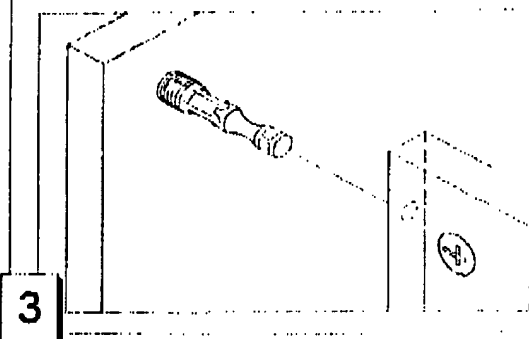


**PRESS IN CAMS.
NO TOOLS NECESSARY.**

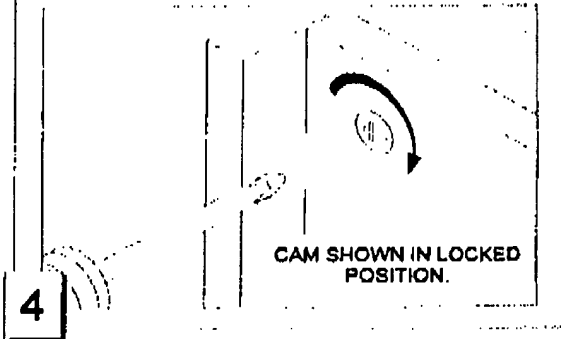
ARROW ON CAM SHOULD FACE THE
HOLE IN EDGE OF PANEL.



PRESS PANELS TOGETHER

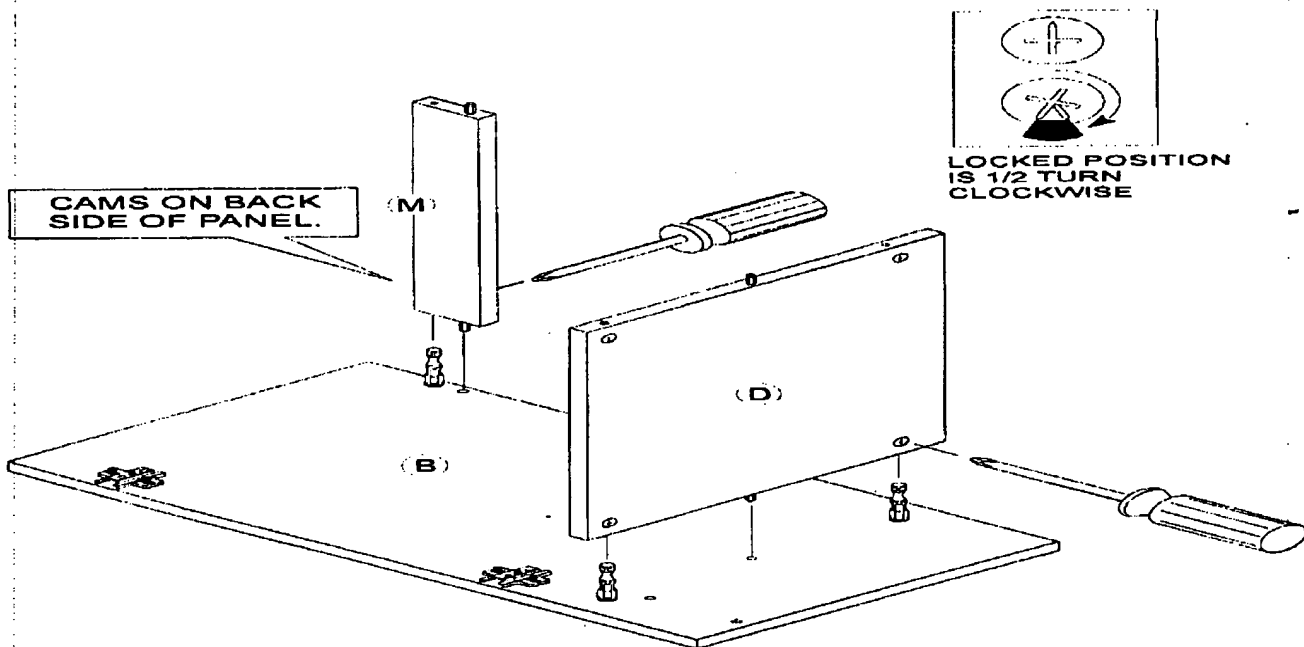


**TURN CAM APPROXIMATELY 1/2
TURN CLOCKWISE**



3

Fasten panels. Be sure to lock all cams 09/934,516
Sujete los paneles. Cerciórese de asegurar todas las levas.
Fixez les panneaux. Veillez à bien bloquer tous les pènes.



2

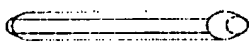
Prepare panels as shown. 09/934,516
Prepare los paneles.
Préparez les panneaux.

THIS STEP REQUIRES:

(H2)
Qty-6



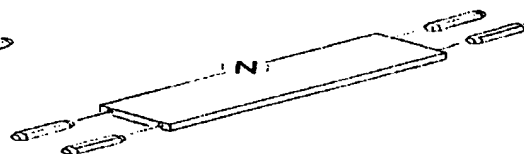
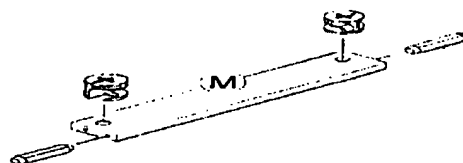
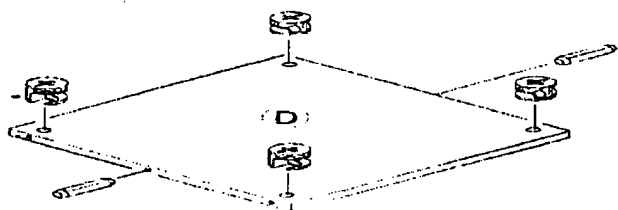
(H3)
Qty-8



CORRECT



INCORRECT



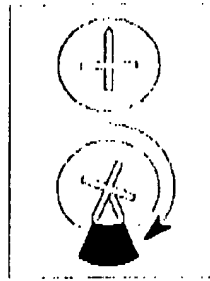
09/9334,516

4

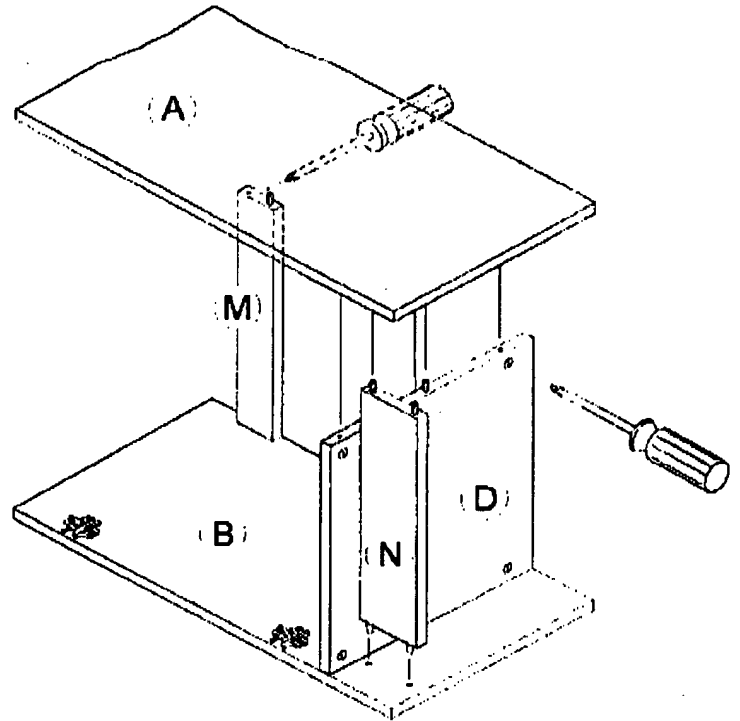
Fasten panels. Be sur to lock all cams.

Sujete los panel s.

Fixez les panneaux.



**LOCKED POSITION
IS 1/2 TURN
CLOCKWISE**



5

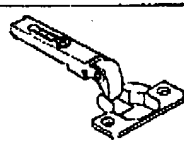
Fasten door as shown.

Sujete los paneles.

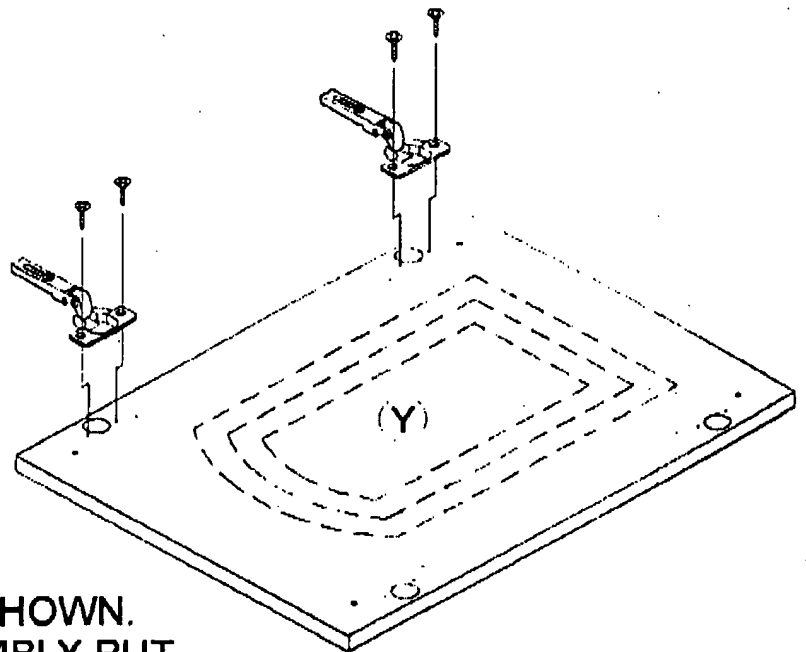
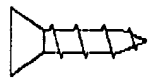
Fixez les panneaux.

THIS STEP REQUIRES:

**(H13)
Qty-2**



**(H17)
Qty-4**



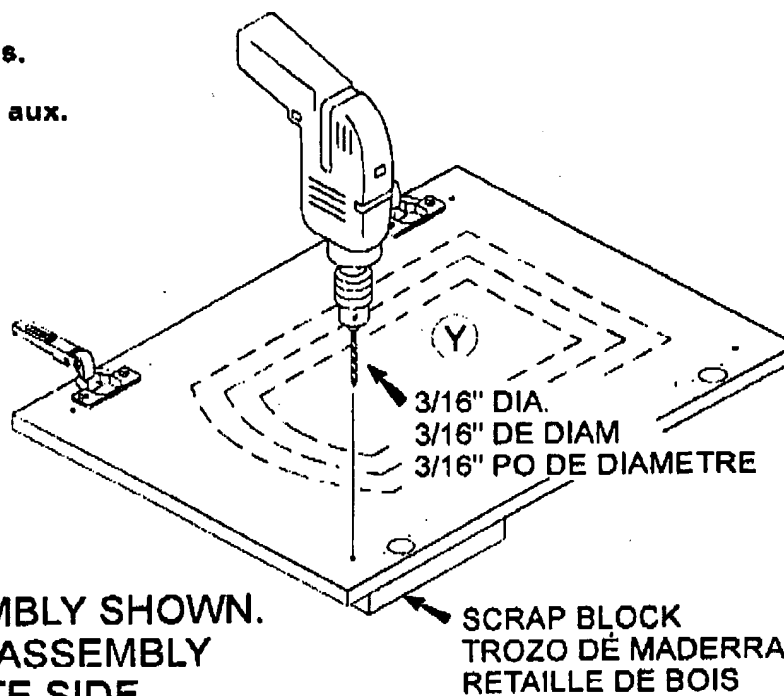
**LEFT DOOR ASSEMBLY SHOWN.
FOR RIGHT DOOR ASSEMBLY PUT
HINGES ON OPPOSITE SIDE.**

6

Pre-drill doors.

Prepare los paneles.

Préparez les panneaux.



LEFT DOOR ASSEMBLY SHOWN.
FOR RIGHT DOOR ASSEMBLY
DRILL ON OPPOSITE SIDE.

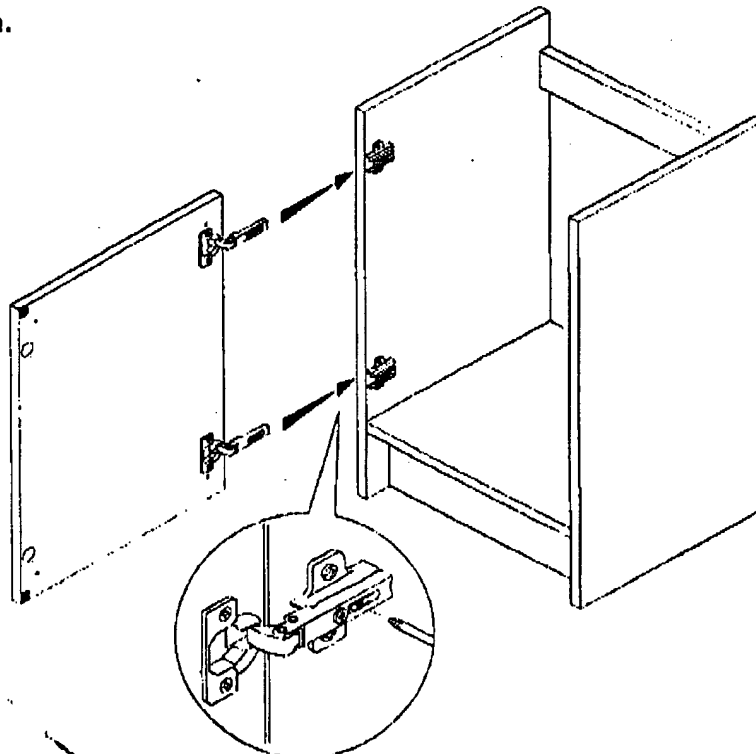
SCRAP BLOCK
TROZO DE MADERRA
RETAILLE DE BOIS

7

Fasten panels as shown.

Sujete los paneles.

Fixez les panneaux.



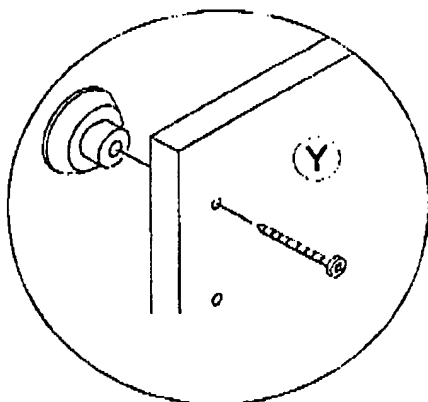
09/634,516

8

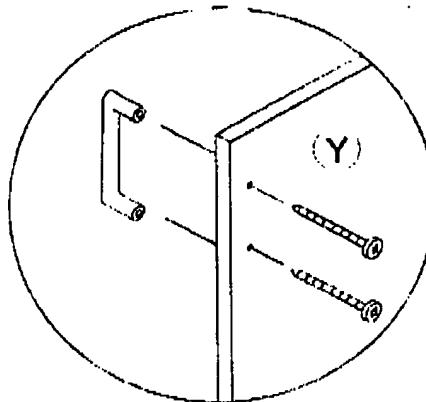
Prepar panels as shown.

Prepar los paneles.

Préparez les panneaux.



USE THE LONGEST SCREW
PACKED IN THE KNOB KIT



USE THE LONGEST SCREW
PACKED IN THE HANDLE KIT

9

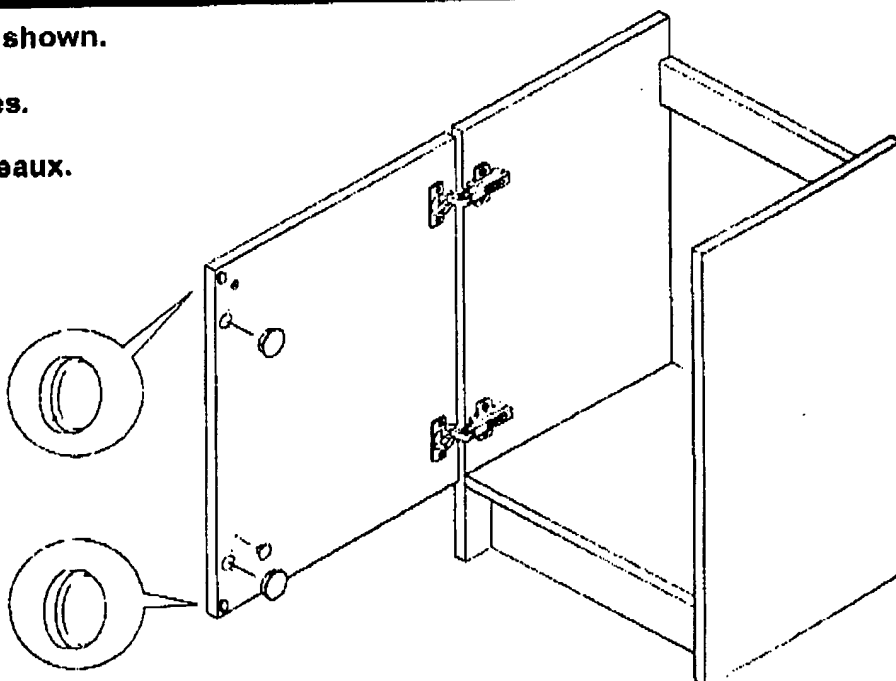
Prepare panels as shown.

Prepare los paneles.

Préparez les panneaux.

THIS STEP REQUIRES:

(H4) Qty-4	
(H6) Qty-2	
(H18) Qty-2	

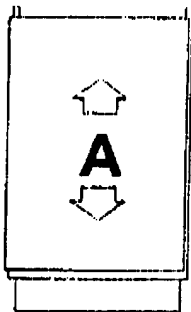
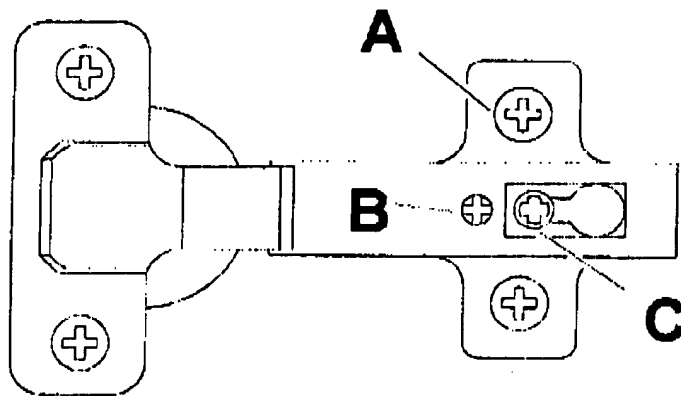


PRESS HOLE PLUGS
INTO ANY OPEN HOLES
IN THE DOOR.

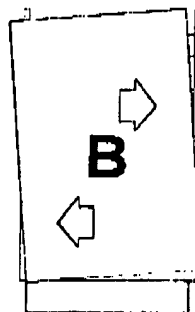
915,436/60

10

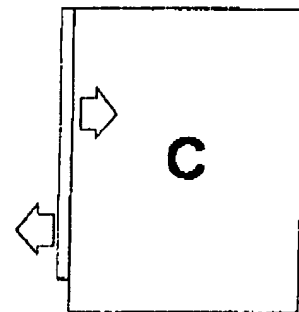
DOOR ADJUSTMENT



FRONT
VIEW



FRONT
VIEW



SIDE
VIEW